

Agenda for Week of May 2, 2011 Classroom Character Theme: _____**Guiding Questions:**

- 1) What happens when two waves run into each other? (“Interference”)
- 2) How does an ambulance sound when it drives by? Why? (Doppler Effect)



Date	Learning Goal	Vocabulary	Homework
Mon, 5/2	Benchmark Exam #3	Medium Mechanical Wave Electromagnetic wave Transverse wave Longitudinal (compression) wave Crest Trough Amplitude Wavelength Frequency Period	Practice wave calculations: quiz tomorrow will have one of each type of problem: speed = frequency = period = wavelength =
Tues, 5/3 (2 nd period) OR Wed, 5/4 (7 th period)	<i>1) Quiz: Wave Calculations</i> <i>2) Introduction to Wave project/presentations</i>		None – enjoy the weather!
Thurs, 5/5	Group work for Wave Presentation Project	Topics: Constructive & Destructive interference: How do “noise cancelling headphones” work? Doppler Effect Reflection Diffraction Refraction Ultrasound Cell phone signals Bluetooth Signals	Work on wave presentation projects: Presentations due Tues. – Wed. next week! Presentation Date: _____ Topic: _____ problems (worksheet)
Fri, 5/6	Empower3000		Work on your visual aid and presentation.

REMINDERS

- 1) Check your grade using the new online system for the class: **www.Enggrade.com/student** and use the username and password you chose during class. **Tell your parents that they can register, too!**
- 2) **Be prepared:** Bring your **binder** and **calculator** every day.
- 3) Stay for **tutoring** on Mon and Thurs from 2:45 – 3:30pm.

Two months left – sprint to the finish!!

EMPOWER 3000 LOG

HOW? Follow these five steps after login into www.empower3000.com

- 1) ~~Reply to the email~~
- 2) Read the article
- 3) Complete the “Activity”
- 4) Answer the “Thought Question” using complete sentences
- 5) Vote on the “Poll”

Empower3000 Articles for the 4th Marking Period

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